Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Friday 17 Dec 2021 until 23:59 on Saturday 18 Dec 2021

Forecast Issued on Thursday 16 Dec 2021 at 16:06

Confidence: With high pressure looking set to dominate the weather through the coming days, confidence in generally settled pattern with light winds is high. However lowering confidence in the detail of cloud cover.

Headline for Friday 17 Dec 2021: Dry with light winds. Sunny spells, prolonged on the tops.

Mountain weather hazards on Friday 17 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny	Sunny	Clear night	Cloudy
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Friday 17 Dec 2021

Weather: Dry overnight with some clear spells bringing a chance of limited mist and fog patches around foothills by dawn. A settled, dry day with partly cloudy skies affording occasional bright and sunny spells. Ground above 600m may remain in sunshine all day above the cloud inversion.

Chance of cloud free mountain/hill tops above 800m: 30% becoming 80%

Visibility: Good but very poor in any patchy fog on slopes above 400m. Mainly excellent above 600m on ground above the inversion.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 17 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/4 SE	5/5 W	2/3 SE	3/4 E	3/5 S	3/5 SE	5/7 E	7/9 S	6/9 SE
600	4/6 W	2/3 NW	2/3 NE	3/4 NE	3/5 SE	3/4 SE	3/5 NE	4/6 S	3/6 SE
300	2/4 W	1/2 NW	1/2 N	2/4 NE	3/5 SE	4/6 SE	2/5 SE	4/7 SE	2/6 SE
Valley	2/3 NW	2/3 NE	1/2 NE	2/2 E	2/3 SE	2/5 SE	2/5 E	2/6 SE	1/4 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/2	4/2	4/3	4/3	6/5	6/5	6/4	5/3	5/3
600	5/3	5/4	4/3	4/3	5/4	5/4	5/4	4/3	4/3
300	6/5	4/3	4/3	4/3	6/5	5/4	3/1	3/2	2/1
Valley	8/7	7/6	6/5	6/5	7/6	6/6	4/3	3/2	3/2
Freezing Level*	2000m	2000m	2000m	1900m	1900m	1900m	1800m	1800m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add

Forecast for Saturday 18 Dec 2021

Weather: Some lingering mist and fog around foothills. Settled with vast majority staying dry with occasional bright or sunny spells, best of these across eastern ranges of the Park area and during the afternoon.

Maximum wind: Variable, mainly west, 10mph or less

Chance of cloud free mountain/hill tops above 800m: 30% becoming 50% in the east for afternoon

Visibility: Good or very good, but very poor in fog with bases widespread to occasional down to 500m.

Temperature:
Valleys: Plus 1 Celsius early and late, also where mist and fog linger, but in brightness lifting 8 Celsius during the afternoon
At 800m: Plus 3 Celsius lowering Zero later
Freezing level: Generally above the summits, but sub-zero layer developing from mid-levels later as inversion strengthens

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Thursday 16 December 2021 Location: Helvellyn summit at 14:30 Full report: The thaw is continuing across the Lake District fells with the majority of popular routes passable without stepping foot on snow with some careful route choice. The remaining patches of snow are to be found in hollows and gullies above 700m and mainly on N through E slopes. These aspects also feature small and unstable cornices which should be given a wide berth especially in poor visibility. The snow pack was generally soft but harder and icier where it has been compressed by walkers feet. The current high pressure weather system is forecast to create some long lasting cloud inversions. It also means the remaining snow pack will likely refreeze overnight. Therefore it's recommended anyone planning on walking on snow or venturing into steeper terrain, especially in the morning, go suitably equipped with an ice axe & crampons. Striding & Swirral Edges can now be traversed without setting foot on snow with good footwork and route choice. However as above they are surrounded by a lot of steep, snow covered and consequential terrain so please make good decisions based on your experience and have the correct equipment with you. Temperature: plus 3.0 C, Maximum wind speed 23.5 mph, Wind chill: minus 4.3 C, Average wind speed: 22.3 mph
Issued at: 1606 on Thu 16 Dec 2021

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